

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kenichi TORII, et al.

Application No.: TBA

Group Art Unit: TBA

Filed: March 30, 2004

Examiner: TBA

For: RAMAN AMPLIFIER AND OPTICAL TRANSMISSION SYSTEM USING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☐ set forth in the application.

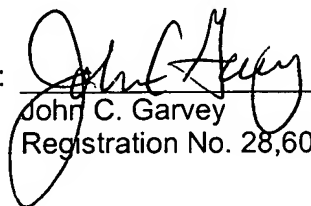
- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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FORM PTO-1449 <div style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</div> <div style="text-align: center;">LIST OF REFERENCES CITED BY APPLICANT</div> <div style="text-align: center;"><i>(Use several sheets if necessary)</i></div>	ATTORNEY DOCKET NO. 1344.1141	APPLICATION NO. TBA
FIRST NAMED INVENTOR Kenichi TORII, et al.		
FILING DATE March 30, 2004		GROUP ART UNIT TBA

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AG	2002-229084	08/14/02	Japan			abs	
	AH	2003-057691	02/26/03	Japan			abs	
	AI	2003-198465	07/11/03	Japan			abs	
	AJ							
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSLATION YES NO	
	AM	Y. Emori, et al., "100nm bandwidth flat gain Raman amplifiers pumped and gain-equalized by 12-wavelength-channel WDM high power laser diodes", OFC'99, PD19, 1999	xx	
	AN	A. Niwa, et al., "Gain Equalizer Using Slanted Fiber Bragg Gratings", Fujikura Technical Review No. 103, October 2002		xx
	AO			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1344.1141	APPLICATION NO. TBA
	FIRST NAMED INVENTOR Kenichi TORII, et al.	
	FILING DATE March 30, 2004	GROUP ART UNIT TBA

Inventor, Patent Number, Country Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
1. Japanese Unexamined Patent Publication No. 2002-229084	August 14, 2002	Background
2. Y. Emori et al. "100nm bandwidth flat gain Raman amplifiers pumped and gain-equalized by 12-wavelength-channel WDM high power laser diodes" OFC' 99, PD19, 1999.	1999	Background
3. Japanese Unexamined Patent Publication No. 2003-057691	February 26, 2003	Background
4. Japanese Unexamined Patent Publication No. 2003-198465	July 11, 2003	Background
5. A. Niwa et al. "Gain Equalizer Using Slanted Fiber Bragg Gratings" Fujikura Technical Review No. 103	October 2002	Background